

## **SECTION 202 REMOVAL OF STRUCTURES AND OBSTRUCTIONS**

**202.01 DESCRIPTION.** Remove and dispose of all structures and obstructions not designated to remain or to be removed and disposed of under other items of the Contract.

**202.02 RESERVED.**

**202.03 CONSTRUCTION REQUIREMENTS.** Raze, remove, and dispose of all buildings, foundations, structures, fences, debris, and other obstructions on the right-of-way, excluding utilities. Remove and transport specified salvage material designated to remain property of the Department, without damage, to the specified locations. Obtain the Project Manager's written permission to use any salvaged materials.

Dispose of unusable combustible material under Subsection 201.03.5(A). Dispose of unusable noncombustible material under Subsection 201.03.5(B). Backfill cavities caused by removing structures and obstructions level with the surrounding ground and compact the backfill under Subsection 203.03.3.

Install the necessary traffic control devices when removing and transporting structures to maintain traffic in the work area.

### **202.03.1 Removal of Bridges and Major Drainage Structures.**

**A. Removal of Superstructures.** Repair or replace all damaged or destroyed members, pins, nuts, and plates from steel or timber structures designated to be salvaged at Contractor expense.

Match-mark all members to be salvaged with paint before dismantling. Similarly mark all pins, nuts, and plates to indicate their location in the structure. Paint all pins, pin holes, and machined surfaces with a zinc-rich paint, and wire all loose parts to adjacent members or pack in clearly marked boxes showing the contents and index-numbered for identification.

**B. Removal of Substructures.** Remove substructures above the ground surface to 3 feet (915 mm) below the finished ground surface. Remove or cut off piles and substructures 1 foot (305 mm) below the stream bed. Shape and contour removal areas to blend with the surrounding terrain.

Do not damage new work removing existing structures.

**C. Disposal of Materials Removed.**

- 1. Structural Steel.** Store salvaged structure members and all steel beams above the ground on skids at the designated sites.
- 2. Concrete and Masonry.** Use concrete and masonry removed from old structures in backfills or approach embankments under Section 203. Dispose of concrete or masonry not placed in backfills or embankments at Contractor expense. Remove all contract related concrete rubble from streams.
- 3. Timber and Other Materials.** Store all salvageable timber or other salvaged materials above ground on skids at the designated sites.